CLAIMS

1. A drilling rig for cutting a vertical trench from a surface of a ground, the rig comprising:

- a frame having a top portion secured to a carrying device for carrying the frame; and

- a verticality measurement device comprising at least a first cable and at least a first inclinometer, one end of the first cable being connected to the top portion of the frame and to the first inclinometer;

wherein the drilling rig further comprises at least one first connection device comprising:

- a support fastened to the frame; and

- a body connected to the support via a swivel link;

and wherein the first inclinometer and the first cable are fastened to the body while being arranged on opposite sides of the swivel link.

2. The drilling rig according to claim 1, wherein the body includes a fastener member for holding the end of the first cable.

3. The drilling rig according to claim 1 or claim 2, wherein the body is provided with a duct into which the first cable is inserted.

4. The drilling rig according to any preceding claim, wherein the support includes a fastener portion for fastening the support to the frame, and wherein said fastener portion is arranged between the end of the first cable and the swivel link.

5. The drilling rig according to claim 4, wherein the fastener portion includes a plate having a central opening, and wherein the body extends through the central opening.

6. The drilling rig according to any preceding claim, wherein the body includes a first end carrying the first inclinometer and a second end remote from the first end, and wherein the support includes a guide portion surrounding the second end of the body.

7. The drilling rig according to claim 6, wherein the guide portion includes an annular element with an axis passing through the swivel link.

8. The drilling rig according to claim 7, wherein the frame presents a longitudinal direction, and wherein the axis of the annular element is parallel to the longitudinal direction of the frame.

9. The drilling rig according to any preceding claim, wherein the first connection device includes at least one housing in which the swivel link is arranged, and at least one sealing bellows arranged between the housing and the body.

10. The drilling rig according to any preceding claim, wherein a center of gravity of an assembly constituted by the body and the first inclinometer is situated in the swivel link.

11. The drilling rig according to any preceding claim, wherein the frame also includes a bottom portion provided with an excavator device.

12. A cutter comprising a drilling rig according to any preceding claim.